



Attorney Docket No. 3599 P 007

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. National Patent Application of:  
Richard SYMS and Andrew HOLMES  
Application No.: 10/516,811  
Confirmation No.:  
Filed on: December 6, 2004

Examiner: Unassigned  
Art Unit: Unassigned

For: MICROENGINEERED OPTICAL SCANNER

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. §§ 1.97 AND 1.98**

Dear Sir:

Applicants submit herewith Form PTO-1449, "Information Disclosure Statement." Copies of the non-U.S. cited references and are being provided with this filing. A copy of the International Search Report from the parent application PCT/GB03/02397 is also enclosed.

Applicants are submitting this art pursuant to their duty of disclosure under 37 C.F.R. §1.56. However, submission of this art and statement is not an admission that any item identified contains matter anticipating the invention or rendering the invention obvious to a person of ordinary skill in the art. Further, Applicants believe none of the art submitted herewith, alone or in proper combination, discloses, teaches or suggests the invention claimed by Applicants.

The citation of a reference herein is neither an admission that the reference is sufficient to teach one of ordinary skill in the art how to make or use the subject matter thereof nor an admission that reference is material to the patentability as defined in 37 C.F.R. §1.56(b).

Moreover, submission of these references is not an admission that any of the references constitutes statutory prior art or has an effective date prior to Applicants' effective date of invention.

Applicants specifically reserve all rights of privilege and confidence with respect to this matter. A submission of this document is not to be construed as a waiver of those rights.

In addition, the filing of this Statement is not to be construed as a representation that a search has been made by Applicants or counsel.

Dated:

April 8, 2005

By:

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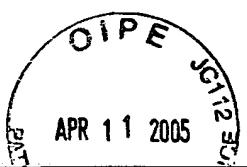
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**CERTIFICATE OF MAILING (37 C.F.R. § 1.8a)**

I hereby certify that this correspondence is, on the date shown below, being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on April 8, 2005.

Natha Conerly

Natha Conerly 221383v1



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
PTO-1449

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Application No.: 10/516,811  
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First Named Inventor: Richard SYMS  
Art Unit: Unassigned  
Examiner Name: Unassigned  
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**U.S. PATENT DOCUMENTS**

Examiner Initial	Document No. Kind Code (if known)	Name of Patentee or Applicant	Issue Date (MM-DD-YYYY)
	US 4,311,999	Upton et al.	01-19-1982
	US 4,317,611	Petersen	03-02-1982
	US 5,097,354	Goto	03-17-1992
	US 5,404,001	Bard et al.	04-04-1995
	US 5,422,469	Bard et al.	06-06-1995
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	US 5,521,367	Bard et al.	05-28-1996
	US 5,629,790	Neukermans et al.	05-13-1997
	US 5,734,490	Rabarot et al.	03-31-1998

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	T
	Office	Number	Kind			
	EPO	EP 0 875 780	A2	Rockwell International Corp.	04-11-1998	

**OTHER PRIOR ART OR NON-PATENT LITERATURE DOCUMENTS**

Examiner Initial	(including Author (in capital letters), Title of the article, Title of the item, Date, Pages, Volume-Issue number, Publisher, City and/or Country where published.)	T
	ROBERTS, DAVID A. and SYMS, RICHARD R.A., "1D and 2D laser line scan generation using a fibre optic resonant scanner," Micro-Opto-Electro-Mechanical Systems, Glasgow, UK. 22-23, May (2000).	

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Application No.: 10/516,811  
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	<i>"Dual numerical aperture confocal operation of moving fibre bar code reader"</i> ELECTRONICS LETTERS, Vol. 35, No. 19, pp. 1656-1658, (1999).	
	<i>SYMS, R R A, Long-travel electrothermally driven resonant cantilever microactuators,"</i> Journal of Micromechanics and Microengineering, Vol. 12, pp. 211-218, (2002).	
	<i>"Operation of surface-tension self-assembled 3D micro-optomechanical torsion mirror scanner"</i> ELECTRONICS LETTERS, Vol. 35, No. 14, pp. 1157-1158, (1999).	
	GERLACH, Torsten et al., <i>"Automatic adjustment of monomode optical waveguides by a microsystem,"</i> J. Micromech. Microeng. Vol. 7, pp. 227-229, (1997).	
	HOFFMAN, M. et al., <i>"Micromechanical cantilever resonators with integrated optical interrogation,"</i> 8253a Sensors and Actuators – A Physical, Vol. A44, no. 1, pp. 71-75, (1994).	
	KAN, S.C. et al., <i>"Silicon-on-insulator (SOI) movable integrated optical waveguide technology,"</i> Sensors and Actuators – A Physical, Vol. 54, no. 1-3, pp. 679-683, (1996).	

Examiner Signature: \_\_\_\_\_

Date Considered: \_\_\_\_\_

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.